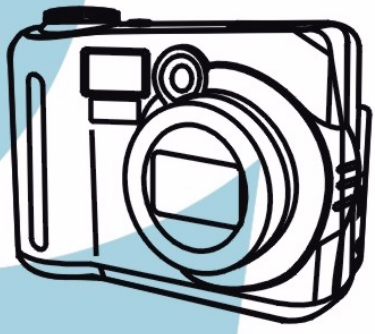
Digital Camera 4500
User's Manual



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Taking care of your camera

- Do not use your camera over the following environmental range: temperature: O°C to 40°C, relative humidity: 45% ~ 85%.
- Do not use or store your camera in environments listed below:
  Direct sunlight.
  High humidity and dusty places.
  Next to the air conditioner, electric heater or the other heat sources.
  In a closed car that is directly under the sun.
  Avoid shaky places.
- If your camera becomes wet, wipe it with dry cloth as soon as possible.
- Salt of seawater may cause severe camera damage.
- Do not use organic solvents, such as alcohol, etc., to clean your camera.
- If the lens or viewfinder is dirty, please use the lens brush or soft cloth to clean the lens. Do not touch the lens with your fingers.
- To prevent electrical shock, do not attempt to disassemble or repair your camera by yourself.
- Water may cause a fire or electric shock. Therefore, please store your camera in a dry place.
- Do not use your camera outdoors when it is raining or snowing.
- Do not use your camera in the water.
- If the foreign substance or water gets in your camera, please tum the power off immediately and disconnect the batteries and the transformer. Remove the foreign substance or water, and send it to the maintenance center.
- Transfer the data to the computer as soon as possible to avoid losing your image data.

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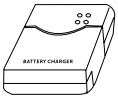
<Memo>

1. Touring your DC 4500

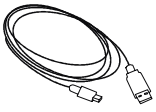
1.1. Checking package contents

The package should include the following items:

DC 4500 digital camera



Battery charger



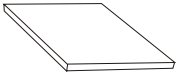
USB cable

TV cable

16MB Compact Flash memory card

DC 4500 software CD-ROM

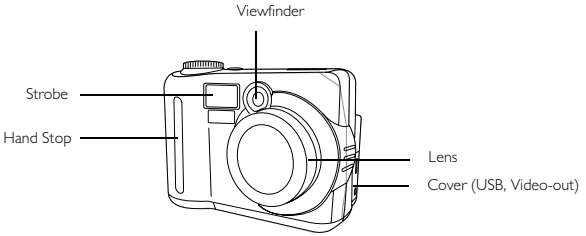
Hand Strap



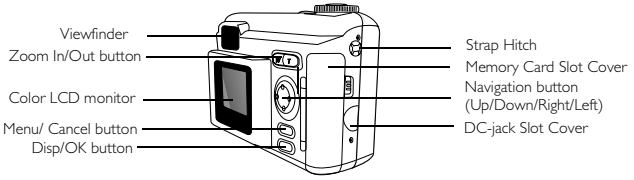
User's Manaul

1.2. Parts of the DC 4500 and their names

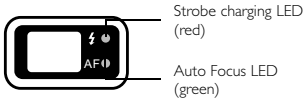
1.2.1. Front View



1.2.2. Rear View

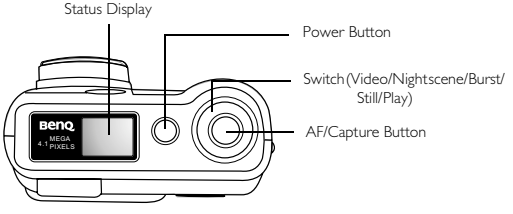


Viewfinder

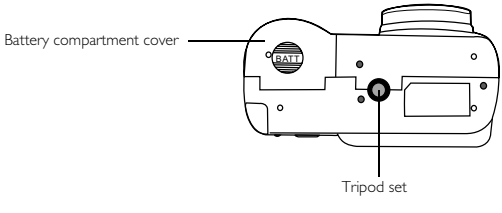


Inside viewfinder

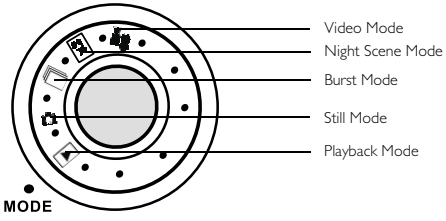
1.2.3. Top View



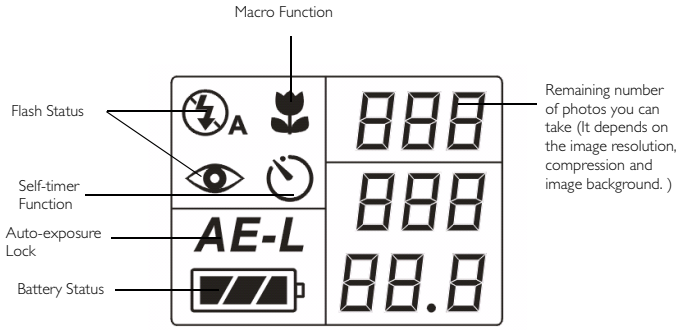
1.2.4. Bottom View



1.2.5. Mode Dial



1.2.6. LCD Status Display

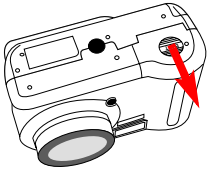

Macro Function
Flash Status
Self-timer Function
Auto-exposure Lock
Battery Status
AE-L
Remaining number of photos you can take (It depends on the image resolution, compression and image background.)

2. PREPARING YOUR DC 4500 FOR USING

2.1. Installing NiMH batteries

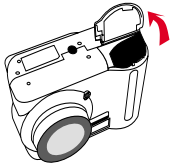
Follow the steps below to install NiMH batteries.

1



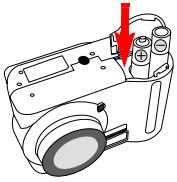
Press the battery cover and then slide the cover in the direction shown.

2



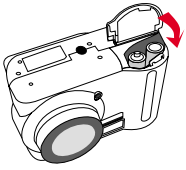
Open the cover in the direction shown.

3



Place NiMH batteries in the battery compartment until it is totally inserted.

4

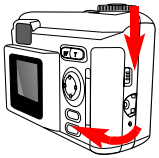


Close battery compartment cover and slide the cover in the direction shown. You will hear a click sound when the cover is firmly closed.

2.2. Installing memory card

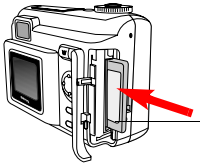
Follow the steps below to install memory card.

1



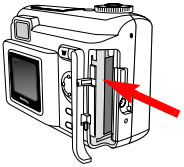
Press down the memory card slot cover open lever and then open the cover in the direction shown.

2



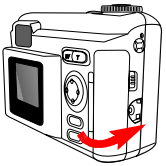
Insert the memory card in the direction shown.

3



Fully insert the memory card in the memory card slot until it is firmly fixed.

4



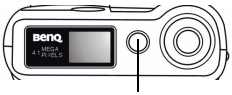
Close memory card slot cover and slide the cover in the direction shown.
You will hear a click sound when the cover is firmly closed.

Note: 1. Please use the CFcards made by qualified manufacturers: SanDisk, Lexar, Pretec and Abomen. We do not suggest you to use the CF cards of other brand.

2. During the camera operation, if you open the CF card cover when CF card is accessing data, the camera will buzz and finish it's accessing, then turn off automatically.

3. During the camera operation, if you open the CF card cover when CF card is not accessing data, the camera will buzz and then turn off automatically.

2.3. Turning on the power



Press the Power button.

To turn on the power, you have to press the Power button. The camera beeps once and the status of camera will appear on the status display. You will see the LCD monitor show a frame of BenQ logo. Also, the LCD monitor will be activated. Then this camera is ready to work.

The status of camera will appear on the status display.

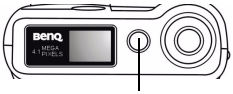
Note: If the camera is turned on in camera mode, the zoom lens will be activated at the same time.

You will see the LCD monitor show a frame of BenQ logo.

The LCD monitor will be activated and the icons will be displayed on the LCD monitor.

Note: If no memory card is presented in the memory card slot, the camera only offers preview function and you can not capture any image. To insert the memory card, you have to turn the camera power off first and then insert your card. After the card is inserted, turn on the camera power for using.

2.4. Turning off the power



Press the Power button.

To turn off the power, you have to press the power button again. After pressing the power button, the camera beep twice. The first beep indicates that the camera starts to shut down and the second beep means the end of shut down. Then, you will see the status display and LCD monitor both turn blank. Then the power is turned off.

2.4.1. Power Save Mode

The DC 4500 supports power save function. If the DC 4500 doesn't receive any operation from the user for 3 minutes (This is the default value, you can set the time limit from 1~ 10 minutes), it will enter power save mode automatically. In addition, you can press any key to wake up the DC 4500 from power save mode.

2.4.2. Auto Shut Down Mode

The DC 4500 supports auto shut down function. If the DC 4500 doesn't receive any operation from the user for 3 minutes, it will enter auto shut down mode and automatically shut down instantly. To wake up the DC 4500 from auto shut down mode, you have to press the power button to turn on the power again.

3. USING THE DC 4500

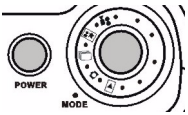
BenQ Digital Camera 4500 provides 5 different operation modes: Still mode, Playback mode, Burst mode, Night Scene mode, Video mode. With these modes, BenQ Digital Camera 4500 provides you the best quality when taking photos or shooting videos.

3.1. Still Mode

3.1.1. Use Still Mode to take photos

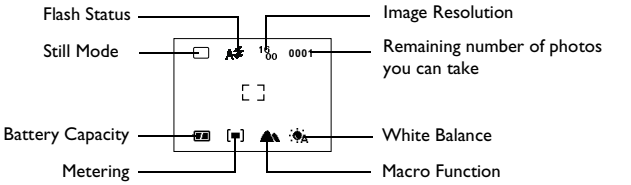
If the still mode is activated, you can take photos by pressing the capture button, the camera will take one photo a time automatically by auto-focusing.

To activate the still mode:



Adjust the switch to still mode on the top of the camera. Then the still mode will be activated. When still mode is activated, the icon ▭ will appear on the LCD screen.

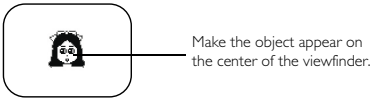
When the still Mode is activated, the LCD screen will show icons as follow:



3.1.2. Taking Photos

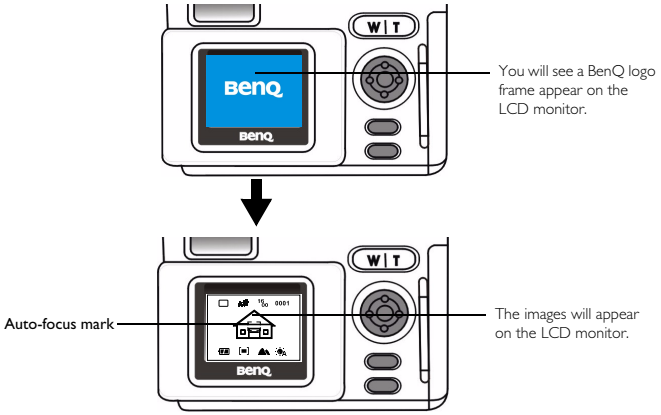
1 Make sure the mode selection dial has been turned to the position 📷 .

2 **3.1.2.1. To take photos using the viewfinder**
Point the camera to the object and make the object appear on the center of the viewfinder.



3.1.2.2. To take photos using the LCD monitor

When the camera power is turned on, the LCD monitor will be turned on at the same time. The camera beeps once and a BenQ logo appears on the LCD monitor. Then the camera enters still mode, the icon ▭ and other related icons will also appear on the LCD screen.



The image will appear on the LCD monitor and you will see a white auto-focus mark in the center of the LCD monitor. Move the camera until the image on the LCD monitor is on the desired position.

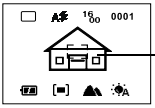
3 Press the shutter release button halfway. The auto-focus function will operate as follow steps show:

1. **Before auto-focus operates:** The AF indicator on the viewfinder is off and the AF mark on the LCD monitor is white.
2. **When auto-focus operates:** The AF indicator on the viewfinder blinks and the AF mark on the LCD monitor is white.
3. **After auto-focus finishes:** The camera beeps once and AF indicator on the viewfinder becomes steady green and the AF mark on the LCD monitor turns green.
4. **When auto-focus fails:** The AF indicator on the viewfinder blinks quickly and the AF mark on the LCD monitor is red.

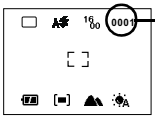
The auto-focus function will lock on the subject and the auto-focus mark on the LCD monitor will turn green. The auto-focus indicator will become steady green when auto-focus is done. If you take photos with the LCD monitor, the result will be shown simultaneously.

If you did not get a satisfactory result, move the position of camera and press the shutter release button again until desired result is displayed.

4 Then press the shutter release button all the way down. The image will be captured and saved to the memory card.
The remaining number of images you can take will appear on the LCD screen.



Choose a subject and press the capture button half way for auto-focus function, then press down to capture the image. The captured image will be saved to the memory card.



The remaining number of images you can take will appear on the LCD screen.

Note: If the subject moves when auto-focus operates or the brightness and complexity of the scene you take is not enough, the auto-focus function will fail.

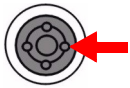
3.1.3. Hot Keys for taking photos

This section introduces six main hot keys for you to use when taking photos. You can change these six settings by simply pressing these hotkeys without entering the sub menu.

3.1.3.1. Hot key for selecting flash mode

You can turn on or off the flash light according to the environment where you take photos. This is done by selecting the flash mode.

To select a flash mode:



Press the right key of the navigation button on the rear part of the camera.

Press it several times and different flash modes will scroll continuously on the LCD screen.

Automatic flash mode
The camera will detect the brightness of the environment and the object, then use flash if necessary.

Anti Red-eye mode
Use this mode to prevent the red eye phenomenon that often appears on people's pupils.

Forced flash on mode
When this icon appears, the camera will use the flash whenever you take photos, regardless of the environment and condition of the object.

Flash off mode
When this mode is selected, the camera will not use the flash even the environment and the object is dark.

Note: If the camera power is in a low level status, the flash will be forced to set to "Off".

3.1.3.2. Hot key for zooming in or out on the object

DC 4500 provides 3x Digital zoom function. Meanwhile, DC 4500 is fitted with a 3x optical zoom lens and can optionally provide 3x digital zoom. The digital zoom function allows you to zoom in or out on the object electronically before the photo is taken. This function works when you take photos with the LCD screen and you can simply zoom in or zoom out object by pressing the hot key.

To zoom in or zoom out:

To zoom in, press the "T" key on the Zoom in/out button.

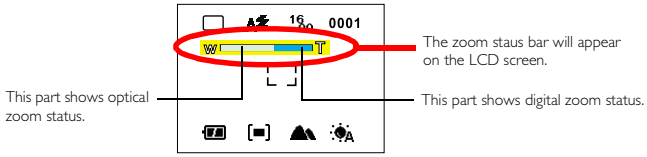
To zoom out, press the "W" key on the Zoom in/out button.

To zoom in on the object:

Press the "T" key on the Zoom in/out button, and the object will appear larger on the LCD screen. The zoom status bar will appear on the LCD monitor as illustrated below.

To zoom out on the object:

Press the "W" key on the Zoom in/out button, and the object will return normal on the LCD screen. The zoom status bar will appear on the LCD monitor as illustrated below.

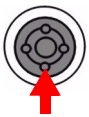

0001
W
T
The zoom staus bar will appear on the LCD screen.
This part shows optical zoom status.
This part shows digital zoom status.

Note: Please note that this function does not work in "Video" Mode.

3.1.3.3. Hot key for setting the macro mode

The DC 4500 provides macro function that allows you to capture images at a close range (8~40 cm). This function is only available when you take photos with the LCD screen and you can set the macro mode on or off by simply pressing the hot key.

To set the macro mode:



Press the down key of the navigation button on the rear part of the camera.

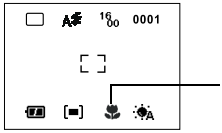
Press it to change macro setting between macro on mode and macro off mode. The related icons will be displayed on the LCD screen.

To set the macro mode on:

Press the down key of the navigation button and you will see the normal mode icon on the LCD monitor become the macro mode icon .

To set the macro mode off:

Press the down key of the navigation button again and you will see the macro mode icon on the LCD monitor return to the normal mode icon .

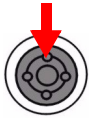


Note: Please note that this function doesn't work in "Night Scene" Mode.

3.1.3.4. Hot key for setting the self-timer mode

If the self-timer mode is activated in camera mode, 10 seconds after you press the capture button, the camera will take photo automatically. To stop the self-timer function, press the "Cancel" button while counting. Please note that this self-timer mode can only be activated when the camera is in still mode.

To set the self-timer mode:



Press the up key of the navigation button on the rear part of the camera.

Press it to change camera setting between still mode and self-timer mode. The related icons will be displayed on the LCD screen.

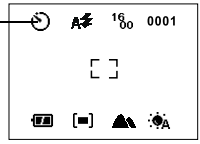
To set the self-timer mode on:

Press the up key of the navigation button and you will see the still mode icon on the LCD monitor become the self-timer mode icon.

To set the self-timer mode off:

Press the up key of the navigation button again and you will see the self-timer mode icon on the LCD monitor return to the still mode icon.

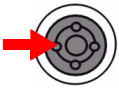
Press the up key of the navigation button in still mode and you will see the self-timer icon appear on the LCD screen.



3.1.3.5. Hot key for changing to playback mode

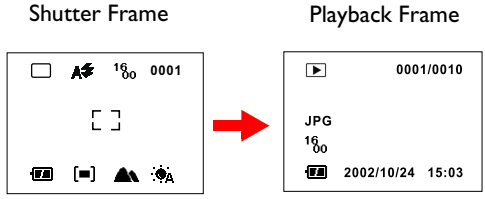
This hot key allows you to change from any record mode to playback mode. With this function, you can switch to playback mode whenever you want to view the results of the photos you take or the videos you shoot. Howevevr, if you want to return to the original mode, simply press the "Cancel" button.

To change to playback mode:



Press the left key of the navigation button on the rear part of the camera.

Press it to change from any record mode to playback mode. The shutter frame on the LCD screen will become playback frame.



Press the left key of the navigation button on the rear part of the camera to change from any record mode to playback mode. The shutter frame on the LCD screen will become playback frame.

3.1.3.6. Hot key for LCD monitor icon display mode

The DC 4500 provides LCD monitor icon display function that allows you to set the LCD monitor icon display function on or off. This function works when you take photos with the LCD monitor and you can set the LCD monitor icon display mode on or off by simply pressing the hot key. The hotkey will operate in sequence as the following graphs illustrate.

I. To set the LCD monitor icon display mode off:

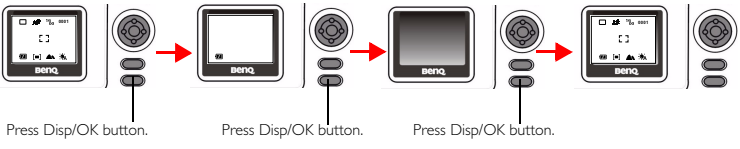
Turn on the power of your DC 4500 and you will see all the icons on the LCD monitor appear. To turn the LCD monitor icon display off, press the Disp/OK button and the icons on the LCD monitor will disappear except the battery icon.

II. To set the LCD monitor display mode off:

When the LCD monitor icon display mode is set to off, press the Disp/OK button again and the LCD monotor display mode will be set to off. The LCD monitor will become blank and enter suspend mode.

III. To set the LCD monitor (icon) display mode on:

When the LCD monitor display mode is set to off, you can press the Disp/OK button and you can wake up the LCD monitor from suspend mode. You will see all the icons on the LCD monitor appear again.



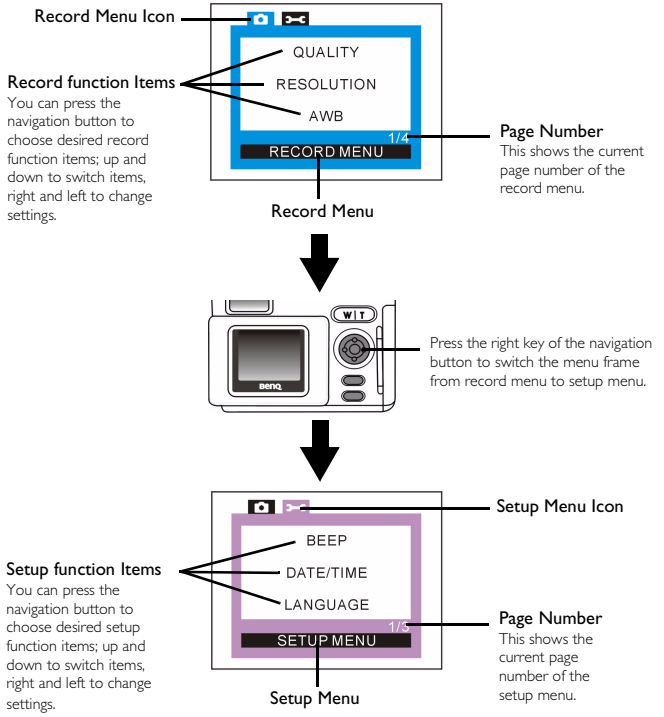
3.1.4. The Still Mode Setting Menu on LCD screen

When in still mode, the DC 4500 provides a setting menu that allows you to make adjustments on various photo taking and image saving settings. This setting menu contains two main parts: Record Menu and Setup Menu.

To enter the setting menu, press the "Menu" button and you can switch the LCD screen frame from shutter menu to the main setting menu of the still mode.

Press this button to enter the setting menu.

The menu frame appears on the center of the LCD screen. You can switch the menu frame from Record menu to Setup menu by pressing the right key of the navigation button.


Record Menu Icon
QUALITY
RESOLUTION
AWB
1/4
RECORD MENU
Record function Items
You can press the navigation button to choose desired record function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the record menu.
Record Menu
WIT
benq
Press the right key of the navigation button to switch the menu frame from record menu to setup menu.
Setup Menu Icon
BEEP
DATE/TIME
LANGUAGE
1/5
SETUP MENU
Setup function Items
You can press the navigation button to choose desired setup function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the setup menu.
Setup Menu

Menu operations

- Press the Right and Left key of the navigation button to switch the menu frame from Record menu to Setup menu.
- Press the Up and Down key of the navigation button to move among main items or highlight a main item on the menu frame.
- To go to the sub-menu of a main item, press the Right and Left key of the navigation button to select an item.
- To exit a submenu, press the "Menu" button. After your settings finished, press this button to return to the normal LCD preview screen.

3.1.5. The Record Menu of Still Mode

There are 10 different setting functions in the record menu of the still mode:

1. Adjusting image quality; 2. Adjusting image resolution; 3. Setting white balance;

4. Imprinting date; 5. Setting monochrome modes; 6. Setting metering modes;

7. Setting AE-Lock (Automatic Exposure Lock) function; 8. Setting ISO value;

9. Setting digital zoom; 10. Setting EV (exposure compensation) value.

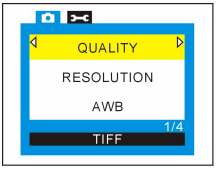
Press "Menu" button to enter the record menu and press the navigation button to change different setting functions in turns. The menu frame appears on the center of the LCD screen and the items are shown as follows:

3.1.5.1. Adjusting image quality (QUALITY)

You can take photos with different quality. Lower compression delivers more image details and high quality, but results in larger file size. This will also affect the remaining images that can be taken in the memory card.

To select image quality:

1 Enter the image quality sub-menu.



2 Select a image compression mode:

Normal: Image with high compression. (Default)

Fine: Image with low compression.

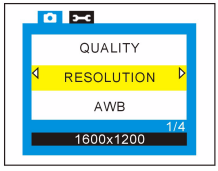
TIFF: Image without compression.

3.1.5.2. Adjusting image resolution (RESOLUTION)

You can take photos at different resolutions. Higher resolution delivers more image details, but results in larger file size. This will also affect the remaining images that can be taken in the memory card.

To select image resolution:

1 Enter the image resolutioun sub-menu.



2 Select a image resolution mode:

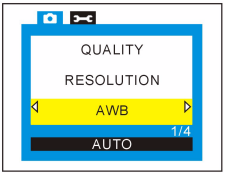
- **2848 x 2136 resolution:** Image with 2848 x 2136 resolution.
- **2272 x 1704 resolution:** Image with 2272 x 1704 resolution.
- **1600 x 1200 resolution:** Image with 1600 x 1200 resolution.
- **1024 x 768 resolution:** Image with 1024 x 768 resolution.
- **640 x 480 resolution:** Image with 640 x 480 resolution.

3.1.5.3. Setting white balance (AWB)

Under different environments, you can adjust white balance mode to get the best color registration image effect. The DC 4500 provides 6 white balance modes to modify white balance under different situations.

To select a white balance mode to use:

1 Enter the white balance sub-menu.



2 Select a white balance mode:

Auto:

The DC 4500 selects a white balance mode automatically.

Daylight:

Select this mode if you are taking pictures under direct daylight.

Overcast:

Select this mode if you are taking pictures under cloudy sky.

Tungsten light:

Select this mode if you are taking pictures under tungsten bulb light.

Fluorescent light:

Select this mode if you are taking pictures under fluorescent light.

Manual Adjust:

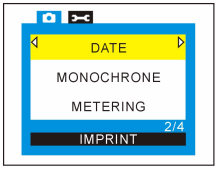
You can adjust the white balance mode manually.

3.1.5.4. Setting date-imprinting modes (DATE)

To add date imprinting function on the photos you take:

To set date imprinting function:

1 Enter the date imprinting function sub-menu.



2 Select a date imprint mode:

Date Imprint Off Mode (NONE):

The date will not be imprinted on the photos you take. (Default)

Date Imprint On Mode (IMPRINT):

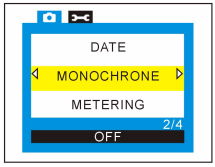
The date will be imprinted on the photos you take.

3.1.5.5. Setting monochrome modes (MONOCHROME)

Monochrome mode supports prompt effect function. When you select one of these three modes, the LCD screen will show the effect instantly.

To set monochrome modes:

1 Enter the monochrome sub-menu.



2 Select a monochrome mode and the result will appear on the LCD screen instantly:

Color Mode (OFF): The LCD color will remain colorful. (Default)

Sepia Mode: The LCD color will become sepia.

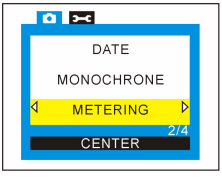
Black and White Mode: The LCD color will become black and white.

3.1.5.6. Setting metering modes (METERING)

This main item allows you to adjust metering modes. The metering system in digital camera is the system which measures the amount of light in the current frame and calculates the best-fit exposure. All you have to do is select the metering mode, point the camera and press the capture button.

To set metering modes:

1 Enter the metering sub-menu.



2 Select a metering mode:

Center Mode:

Center metering also allows you to meter for the subject in the center of the frame but the range increases. It's about 50% the area of the whole frame and the rest of the frame is ignored.

Point (Spot) Metering Mode:

Point metering allows you to meter for the subject directly in the center of the frame. It's a small circle about just 10% the area of the whole frame and the rest of the frame is ignored. This mode is very useful for brightly backlit or macro shots.

Average Mode:

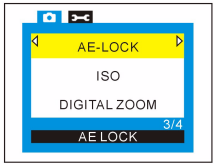
This mode averages the exposure of the entire frame but gives extra weight to the center.

3.1.5.7. Setting AE-Lock function (AE-LOCK)

This main item allows you to set AE-Lock (Automatic Exposure Lock) function. By setting the Automatic Exposure Lock function, you are able to lock the cameras calculated exposure settings (including aperture and shutter speed) over a series of images. This fuction is very important for producing panoramas. When you combine images together, each image should have the same exposure.

To set AE-Lock function:

1 Enter the AE-Lock sub-menu.



2 Select a AE-Lock function mode:

AE-Lock Mode (AE LOCK):

Setting the AE-Lock function on.

AE-Lock Off Mode (AE UNLOCK):

Setting the AE-Lock function off.

AE-Lock Reset Mode (AE-LOCK RESET):

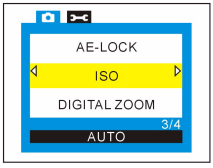
Resetting the AE-Lock function under AE-Lock mode.

3.1.5.8. Setting ISO value (ISO)

In a digital camera, the sensitivity depends on the sensor (CCD/CMOS device). With BenQ DC 4500, you can select the ISO sensitivity as you want. This ability to quickly switch sensitivity is very convenient for you to take pictures according to different light sources and environment. There are 4 choices for you to select. After you choose your desired ISO value, it will be displayed on the LCD screen.

To set sensitivity (ISO) value :

1 Enter the ISO sub-menu.



2 Select a ISO value:

Auto-adjust (AUTO):

The camera will automatically adjust the ISO value according to the relative light source and environment.

ISO 100 (100):

Setting the ISO value to 100.

ISO 200 (200):

Setting the ISO value to 200.

ISO 400 (400):

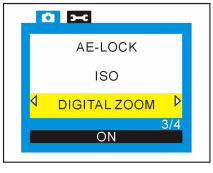
Setting the ISO value to 400.

3.1.5.9. Setting Digital Zoom function (DIGITAL ZOOM)

DC 4500 provides 3x Digital zoom function. Meanwhile, DC 4500 is fitted with a 3x optical zoom lens and can optionally provide 3x digital zoom. This main item allows you to set the digital zoom function on or off.

To set the digital zoom function:

1 Enter the digital zoom sub-menu.



2 Select a digital zoom mode:

Digital zoom mode (ON):

Setting the digital zoom function on.

Digital zoom off mode (OFF):

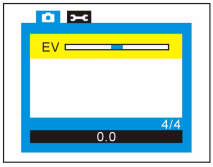
Setting the digital zoom function off.

3.1.5.10. Setting exposure compensation value (EV)

This main item allows you to adjust exposure value and it also supports promp effect function. Higher exposure value will make the captured image brighter, while lower exposure value makes it look darker. You can use the navigation button to set exposure value when the LCD screen is turned on. The exposure value is between -2.0 and 2.0.

To set exposure value:

1 Enter the EV sub-menu.



2 Press the left arrow ◄ on the navigation button to decrease exposure value, or the right arrow ► to increase exposure value. The result will appear on the LCD screen instantly.

3.1.6. The Setup Menu of Still Mode

There are 9 different setting functions in the setup menu of the still mode:

1. Setting beep sound; 2. Setting date and time; 3. Selecting OSD language system;

4. Setting power save mode; 5. Setting LCD brightness; 6. Selecting TV format;

7. Formatting CF card; 8. Reloading the default setting value; 9. Software version.

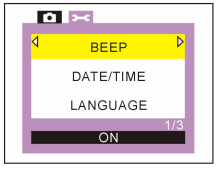
Press "Menu" button and then press the right key of the navigation button to switch the menu frame from record menu to setup menu. After entering the setup menu, you can press the navigation button to change different setup functions in turns. The setup menu frame appears on the center of the LCD screen and the items are shown as follows:

3.1.6.1. Setting beep sound (BEEP)

You can set the power-on beep sound on or off.

To set beep sound:

1 Enter the beep sub-menu.



2 Choose to set the power-on beep sound on or off:

ON: Setting the power-on beep sound on.

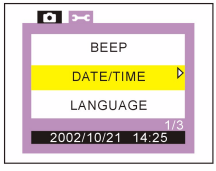
OFF: Setting the power-on beep sound off.

3.1.6.2. Setting date and time (DATE/TIME)

You can set the date and time of the camera system.

To set date and time:

1 Enter the date/time sub-menu.



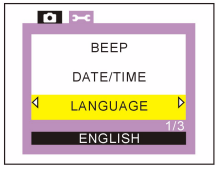
2 This menu allows you to set the system date and time including year, month, day, hour , minute and the arrange manner of the date.

3.1.6.3. Selecting OSD language system (LANGUAGE)

You can chanege the OSD (On Screen Display) language system on LCD screen. There are eight languages for you to choose and they are listed in sequence as follows: English, French, German, Italian, Spanish, Dutch, Traditional Chinese and Japanese.

To set OSD language:

1 Enter the language sub-menu.



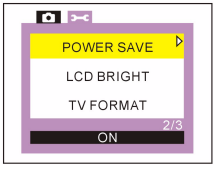
2 Press the right and left key of the navigation button to choose your desired OSD language system. There are eight languages for you to choose: English, French, German, Italian, Spanish, Dutch, Traditional Chinese and Japanese.

3.1.6.4. Setting power save mode (POWER SAVE)

This item allows you to set power save mode on or off. When the power save mode is on, you can setup the time for DC 4500 to enter the suspend mode. For example, if you set the time to 3 minutes, the DC 4500 will automatically enter the suspend mode if you do not use it for 3 minutes. Press any button will wake the camera up from suspend mode. You are allowed to set the time between 1~10 minutes.

To set power save mode:

1 Enter the power save sub-menu.



2 Choose to set the power save mode on or off:

ON: Setting the power save mode on. When the power save mode is on, you can press the navigation button to setup the time for DC 4500 to enter the suspend mode. For example, if you set the time to 3 minutes, the DC 4500 will automatically enter the suspend mode if you do not use it for 3 minutes. Press any button will wake the camera up from suspend mode. You are allowed to set the time between 1~10 minutes.

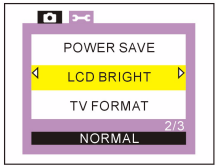
OFF: Setting the power save mode off.

3.1.6.5. Setting LCD brightness (LCD BRIGHT)

This item allows you to adjust the brightness of the LCD monitor. There are two settings for you to choose: Bright and Normal.

To adjust LCD brightness:

1 Enter the LCD bright sub-menu.



2 Choose to set the LCD brightness:

NORMAL: Setting the LCD brightness to a normal value.

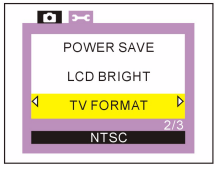
BRIGHT: Setting the LCD monitor brighter than normal.

3.1.6.6. Selecting TV format (TV FORMAT)

This item allows you to set the TV video output type to NTSC or PAL.

To select TV format:

1 Enter the TV format sub-menu.



2 Choose to set the TV format:

NTSC: Setting the TV video output type to NTSC.

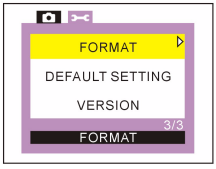
PAL: Setting the TV video output type to PAL.

3.1.6.7. Formatting CF card (FORMAT)

This function allows you to format the CF card. After entering the format sub-menu, press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to format the CF card. Choose "OK" and press "Disp/OK" button, then the card will be formatted. On the contrary, if you don't want to format the CF card, choose "CANCEL" and press "Disp/OK" button, then the card will not be formatted.

To format CF card:

1 Enter the format sub-menu.



2 Press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to format the CF card. Choose "OK" and press "Disp/OK" button, then the card will be formatted. On the contrary, if you don't want to format the CF card, choose "CANCEL" and press "Disp/OK" button, then the card will not be formatted.

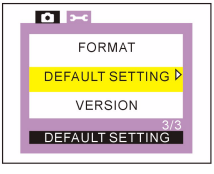
3 Press the "Menu/Cancel" button to return to main menu.

3.1.6.8. Reloading the default setting value (DEFAULT SETTING)

This function allows you to reload the default setting value. After entering the default setting sub-menu, press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to reload the default setting value. Choose "OK" and press "Disp/OK" button, then you can reload the default setting to the camera. On the contrary, if you don't want to reload the default setting value, choose "CANCEL" and press "Disp/OK" button, then the default setting value will not be reloaded.

To reload the default setting:

1 Enter the default setting sub-menu.



2 Press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to reload the default setting value. Choose "OK" and press "Disp/OK" button, then you can reload the default setting to the camera. On the contrary, if you don't want to reload the default setting value, choose "CANCEL" and press "Disp/OK" button, then the default setting value will not be reloaded.

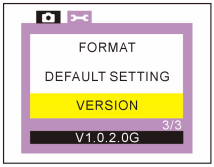
3 Press the "Menu/Cancel" button to return to main menu.

3.1.6.9. Software Version (VERSION)

This function shows the software version of the camera operating system.

To read the software version:

1 Enter the version sub-menu.



2 The LCD screen will prompt the software version of the camera operating system instantly .

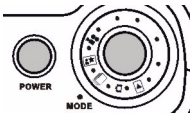
3 Press the "Menu/Cancel" button to return to main menu.

3.2. Burst Mode

3.2.1. Use Burst Mode to take photos

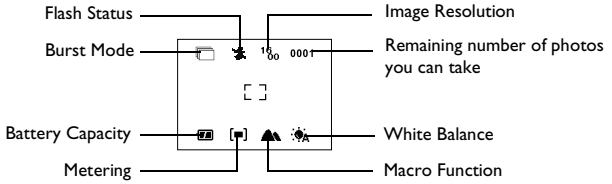
If the burst mode is activated in camera mode, it allows you to take 5 photos in 2 seconds by pressing the capture button.

To activate the burst mode:



Adjust the switch to burst mode on the top of the camera. Then the burst mode will be activated. When burst mode is activated, the icon will appear on the LCD screen.

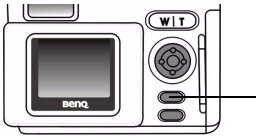
When the burst mode is activated, the LCD screen will show icons as follow:



3.2.2. The Burst Mode Setting Menu on LCD screen

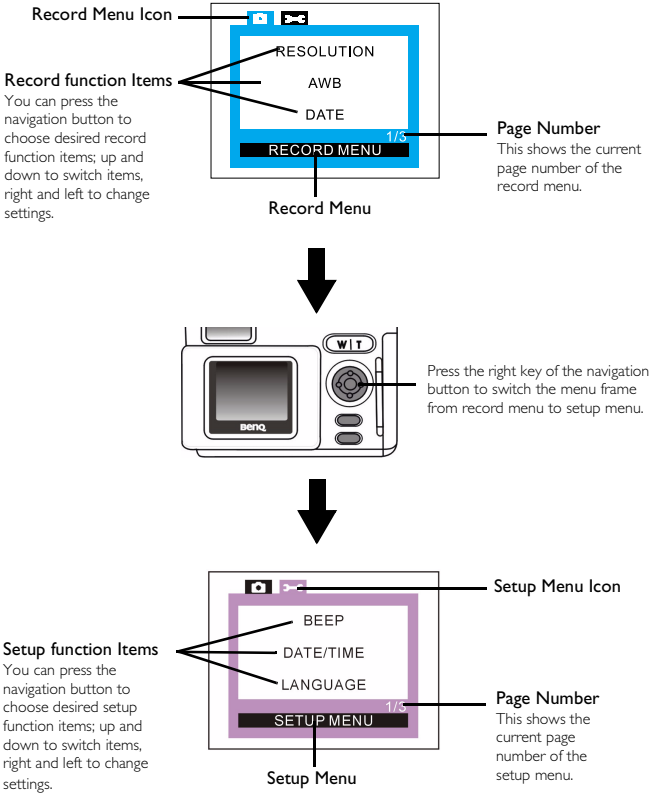
When in burst mode, the DC 4500 provides a setting menu that allows you to make adjustments on various photo taking and image saving settings. This setting menu contains two main parts: Record Menu and Setup Menu.

To enter the setting menu, press the "Menu" button and you can switch the LCD screen frame from shutter menu to the main setting menu of the burst mode.



Press this button to enter the setting menu.

The menu frame appears on the center of the LCD screen. You can switch the menu frame from Record menu to Setup menu by pressing the right key of the navigation button.


Record Menu Icon
RESOLUTION
AWB
DATE
1/5
RECORD MENU
Record function Items
You can press the navigation button to choose desired record function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the record menu.
Record Menu
W T
BenQ
Press the right key of the navigation button to switch the menu frame from record menu to setup menu.
Setup Menu Icon
BEEP
DATE/TIME
LANGUAGE
1/5
SETUP MENU
Setup function Items
You can press the navigation button to choose desired setup function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the setup menu.
Setup Menu

Menu operations

- Press the Right and Left key of the navigation button to switch the menu frame from Record menu to Setup menu.
- Press the Up and Down key of the navigation button to move among main items or highlight a main item on the menu frame.
- To go to the sub-menu of a main item, press the Right and Left key of the navigation button to select an item.
- To exit a submenu, press the "Menu" button. After your settings finished, press this button to return to the normal LCD preview screen.

3.2.3. The Record Menu of Burst Mode

There are 8 different setting functions in the record menu of the burst mode:

1. Adjusting image resolution; 2. Setting white balance; 3. Imprinting date;

4. Setting monochrome modes; 5. Setting metering modes; 6. Setting ISO value;

7. Setting digital zoom; 8. Setting EV (exposure compensation) value.

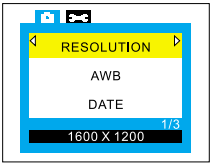
Press "Menu" button to enter the record menu and press the navigation button to change different setting functions in turns. The menu frame appears on the center of the LCD screen and the items are shown as follows:

3.2.3.1. Adjusting image resolution (RESOLUTION)

You can take photos at different resolutions. Higher resolution delivers more image details, but results in larger file size. This will also affect the remaining images that can be taken in the memory card.

To select image resolution:

1 Enter the image resolutioun sub-menu.



2 Select a image resolution mode:

1600 x 1200 resolution: Image with 1600 x 1200 resolution.

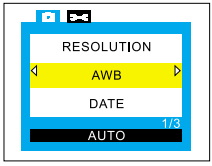
640 x 480 resolution: Image with 640 x 480 resolution.

3.2.3.2. Setting white balance (AWB)

Under different environments, you can adjust white balance mode to get the best color registration image effect. The DC 4500 provides 6 white balance modes to modify white balance under different situations.

To select a white balance mode to use:

1 Enter the white balance sub-menu.



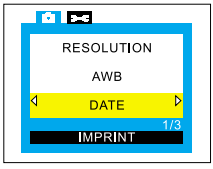
2 Select a white balance mode:
(Please refer to "3.1.5.3. Setting white balance (AWB)" on page 17)

3.2.3.3. Setting date-imprinting modes (DATE)

To add date imprinting function on the photos you take:

To set date imprinting function:

1 Enter the date imprinting function sub-menu.



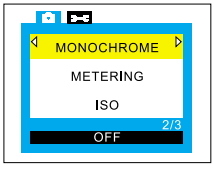
2 Select a date imprint mode:
(Please refer to "3.1.5.4. Setting date-imprinting modes (DATE)" on page 18)

3.2.3.4. Setting monochrome modes (MONOCHROME)

Monochrome mode supports prompt effect function. When you select one of these three modes, the LCD screen will show the effect instantly.

To set monochrome modes:

1 Enter the monochrome sub-menu.



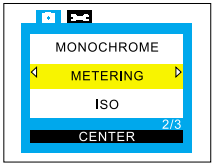
2 Select a monochrome mode and the result will appear on the LCD screen instantly:
(Please refer to "3.1.5.5. Setting monochrome modes (MONOCHROME)" on page 19)

3.2.3.5. Setting metering modes (METERING)

This main item allows you to adjust metering modes. The metering system in digital camera is the system which measures the amount of light in the current frame and calculates the best-fit exposure. All you have to do is select the metering mode, point the camera and press the capture button.

To set metering modes:

1 Enter the metering sub-menu.



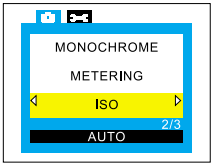
2 Select a metering mode:
(Please refer to "3.1.5.6. Setting metering modes (METERING)" on page 19)

3.2.3.6. Setting ISO value (ISO)

In a digital camera, the sensitivity depends on the sensor (CCD/CMOS device). With BenQ DC 4500, you can select the ISO sensitivity as you want. This ability to quickly switch sensitivity is very convenient for you to take pictures according to different light sources and environment. There are 4 choices for you to select. After you choose your desired ISO value, it will be displayed on the LCD screen.

To set sensitivity (ISO) value :

1 Enter the ISO sub-menu.



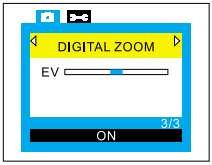
2 Select a ISO value:
(Please refer to "3.1.5.8. Setting ISO value (ISO)" on page 21)

3.2.3.7. Setting Digital Zoom function (DIGITAL ZOOM)

DC 4500 provides 3x Digital zoom function. Meanwhile, DC 4500 is fitted with a 3x optical zoom lens and can optionally provide 3x digital zoom. This main item allows you to set the digital zoom function on or off.

To set the digital zoom function:

1 Enter the digital zoom sub-menu.



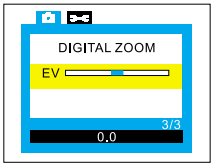
2 Select a digital zoom mode:
(Please refer to "3.1.5.9. Setting Digital Zoom function (DIGITAL ZOOM)" on page 21)

3.2.3.8. Setting exposure compensation value (EV)

This main item allows you to adjust exposure value and it also supports promp effect function. Higher exposure value will make the captured image brighter, while lower exposure value makes it look darker. You can use the navigation button to set exposure value when the LCD screen is turned on. The exposure value is between -2.0 and 2.0.

To set exposure value:

1 Enter the EV sub-menu.



2 Press the left arrow ◄ on the navigation button to decrease exposure value, or the right arrow ► to increase exposure value. The result will appear on the LCD screen instantly.

3.2.4. The Setup Menu of Burst Mode

There are also 9 different setting functions in the setup menu of the burst mode:

1. Setting beep sound; 2. Setting date and time; 3. Selecting OSD language system;

4. Setting power save mode; 5. Setting LCD brightness; 6. Selecting TV format;

7. Formatting CF card; 8. Reloading the default setting value; 9. Software version.

Press "Menu" button and then press the right key of the navigation button to switch the menu frame from record menu to setup menu. After entering the setup menu, you can press the navigation button to change different setup functions in turns. The setup menu frame appears on the center of the LCD screen and the items are just the same as those items in still mode. (Please refer to section 3.1.4. The Setup Menu of Still Mode.)

3.3. Night Scene Mode

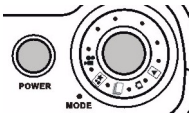
3.3.1. Use Night Scene Mode to take photos

DC 4500 provides night scene mode for taking photos in the nighttime. If the night scene mode is activated, you can take photos by using the flash with a slow shutter speed. This mode is specially designed for taking photos of nightime scenes or when you want to take photos under the indoor lighting.

Note: 1. The night scene mode only works when the macro and flash function is set to off. Therefore, when you use the night scene mode, you can not use the macro function at the same time.

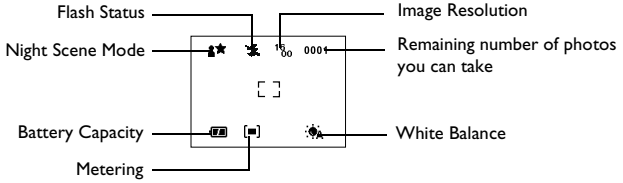
2. Because the slow shutter speed are used when using the night scene mode, please remember to use a tripod to prevent the camera from shaking. Also note that the focus range of this mode is 4.5m ~ ∞ .

To activate the night scene mode:



Adjust the switch to night scene mode on the top of the camera. Then the nightscene mode will be activated. When night scene mode is activated, the icon will appear on the LCD screen.

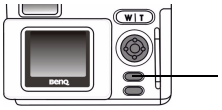
When the night scene Mode is activated, the LCD screen will show icons as follow:



3.3.2. The Night Scene Mode Setting Menu on LCD screen

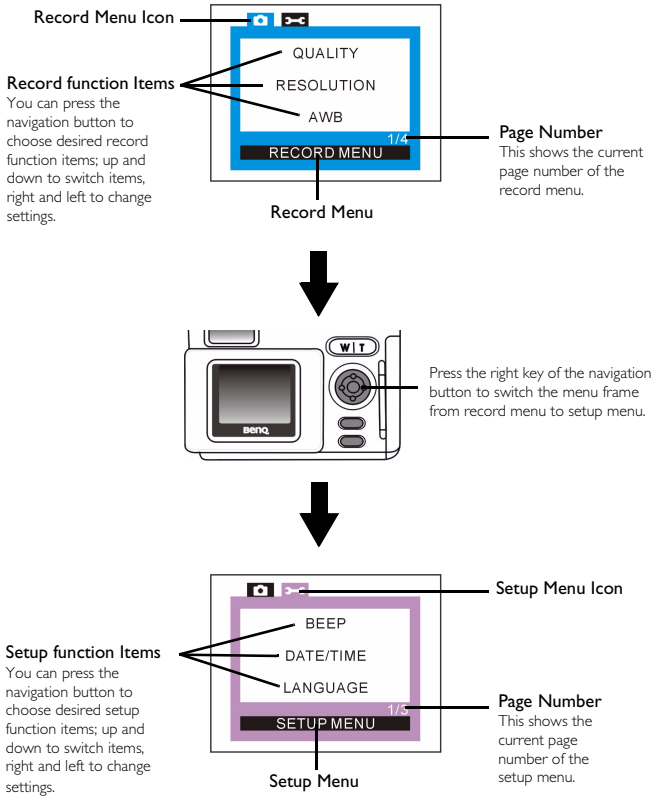
When in night scene mode, the DC 4500 provides a setting menu that allows you to make adjustments on various photo taking and image saving settings. This setting menu contains two main parts: Record Menu and Setup Menu.

To enter the setting menu, press the "Menu" button and you can switch the LCD screen frame from shutter menu to the main setting menu of the night scene mode.



Press this button to enter the setting menu.

The menu frame appears on the center of the LCD screen. You can switch the menu frame from Record menu to Setup menu by pressing the right key of the navigation button.


Record Menu Icon
QUALITY
RESOLUTION
AWB
1/4
RECORD MENU
Record function Items
You can press the navigation button to choose desired record function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the record menu.
Record Menu
W T
Press the right key of the navigation button to switch the menu frame from record menu to setup menu.
Setup Menu Icon
BEEP
DATE/TIME
LANGUAGE
1/5
SETUP MENU
Setup function Items
You can press the navigation button to choose desired setup function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the setup menu.
Setup Menu

Menu operations

- Press the Right and Left key of the navigation button to switch the menu frame from Record menu to Setup menu.
- Press the Up and Down key of the navigation button to move among main items or highlight a main item on the menu frame.
- To go to the sub-menu of a main item, press the Right and Left key of the navigation button to select an item.
- To exit a submenu, press the "Menu" button. After your settings finished, press this button to return to the normal LCD preview screen.

3.3.3. The Record Menu of Night Scene Mode

There are 10 different setting functions in the record menu of the night scene mode:

1. Adjusting image quality; 2. Adjusting image resolution; 3. Setting white balance;

4. Imprinting date; 5. Setting monochrome modes; 6. Setting metering modes;

7. Setting AE-Lock (Automatic Exposure Lock) function; 8. Setting ISO value;

9. Setting digital zoom; 10. Setting EV (exposure compensation) value.

Press "Menu" button to enter the record menu and press the navigation button to change different setting functions in turns. The menu frame appears on the center of the LCD screen and the items are just the same as those items in still mode. (Please refer to section 3.1.3. The Record Menu of Still Mode.)

3.3.4. The Setup Menu of Night Scene Mode

There are 9 different setting functions in the setup menu of the night scene mode:

1. Setting beep sound; 2. Setting date and time; 3. Selecting OSD language system;

4. Setting power save mode; 5. Setting LCD brightness; 6. Selecting TV format;

7. Formatting CF card; 8. Reloading the default setting value; 9. Software version.

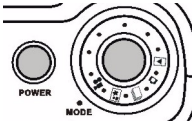
Press "Menu" button and then press the right key of the navigation button to switch the menu frame from record menu to setup menu. After entering the setup menu, you can press the navigation button to change different setup functions in turns. The setup menu frame appears on the center of the LCD screen and the items are just the same as those items in still mode. (Please refer to section 3.1.4. The Setup Menu of Still Mode.)

3.4. Video Mode

3.4.1. Use Video Mode to shoot videos

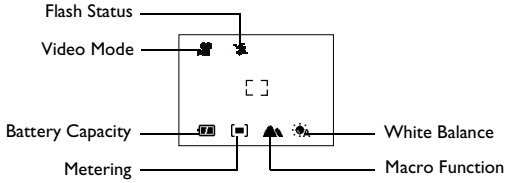
If the video mode is activated in camera mode, you can shoot video by pressing the capture button, however, the video length will be limited by the memory capacity in your memory card.

To activate the video mode:



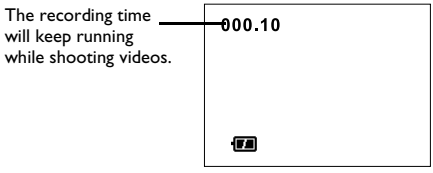
Adjust the switch to video mode on the top of the camera. Then the video mode will be activated. When video mode is activated, the icon will appear on the LCD screen.

When the video mode is activated, the LCD screen will show icons as follow:



3.4.2. Shooting videos

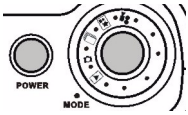
Point the camera to the object you want to shoot and make the object appear on the center of the viewfinder or the LCD screen. Then press the capture button and the camera will beep once and start to shoot videos. The recording time will keep running and be displayed on the LCD screen while the video is being shot. The recording time will stop running when you stop shooting videos. To stop your video shooting, press the capture button again.



3.4.3. Viewing videos

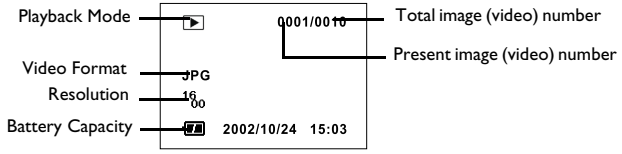
The videos you shot will be saved in the memory card. To view these videos, turn the mode dial to switch the LCD screen frame from the video mode to playback mode. Then choose the desired video and press the Disp/OK button to view them.

To activate the playback mode:

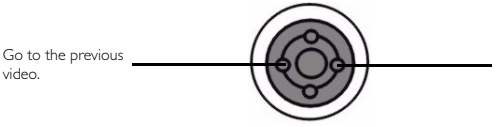


Turn the mode dial to switch the LCD screen frame from video mode to playback mode. When the camera enters playback mode, the icon ▶ will appear on the LCD screen.

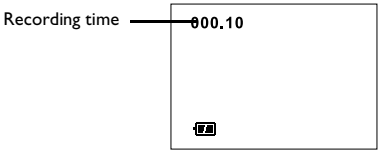
When the playback mode is activated, the LCD screen will show icons as follows:



You can press the left key of the navigation button on the rear panel to go to the previous video, or the right key of the navigation button on the rear panel to go to the next video.



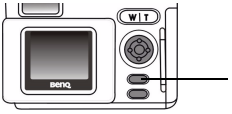
When the playback mode is activated, you can select the videos by pressing the right or left key of the navigation button on the rear panel, the last video taken in the memory card will first appear on the LCD screen. Select the video which you want to see, then press Disp/OK button to play it. While playing the video, the recording time will be displayed on the LCD screen. To stop playing your videos, press the Menu/Cancel button.



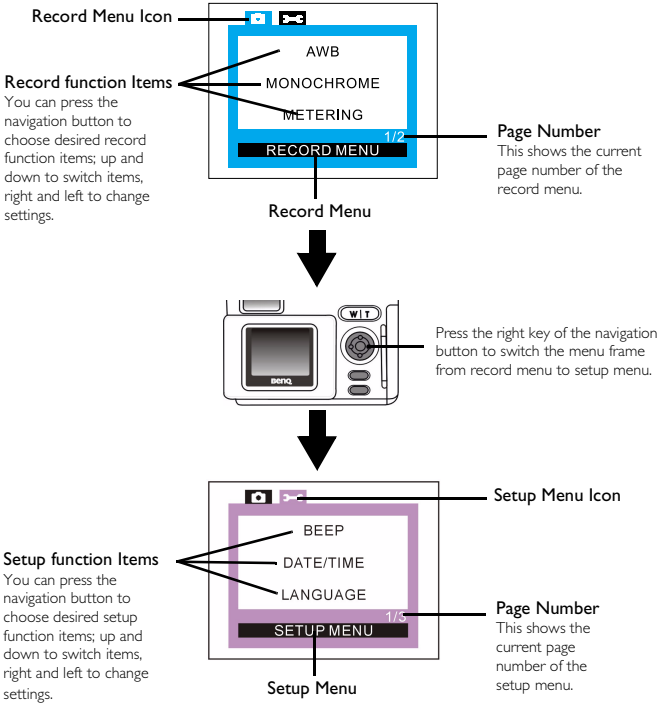
3.4.4. The Video Mode Setting Menu on LCD screen

When in video mode, the DC 4500 provides a setting menu that allows you to make adjustments on various video shooting and saving settings. This setting menu contains two main parts: Record Menu and Setup Menu.

To enter the setting menu, press the "Menu" button and you can switch the LCD screen frame from shutter menu to the main setting menu of the video mode.



The menu frame appears on the center of the LCD screen. You can switch the menu frame from Record menu to Setup menu by pressing the right key of the navigation button.


Record Menu Icon
AWB
MONOCHROME
METERING
1/2
RECORD MENU
Record function Items
You can press the navigation button to choose desired record function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the record menu.
Record Menu
WIT
benq
Press the right key of the navigation button to switch the menu frame from record menu to setup menu.
Setup Menu Icon
BEEP
DATE/TIME
LANGUAGE
1/3
SETUP MENU
Setup function Items
You can press the navigation button to choose desired setup function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the setup menu.
Setup Menu

Menu operations

- Press the Right and Left key of the navigation button to switch the menu frame from Record menu to Setup menu.
- Press the Up and Down key of the navigation button to move among main items or highlight a main item on the menu frame.
- To go to the sub-menu of a main item, press the Right and Left key of the navigation button to select an item.
- To exit a submenu, press the "Menu" button. After your settings finished, press this button to return to the normal LCD preview screen.

3.4.5. The Record Menu of Video Mode

There are 4 different setting functions in the record menu of the video mode:

1. Setting white balance; 2. Setting monochrome modes; 3. Setting metering modes; 4. Setting EV (exposure compensation) value.

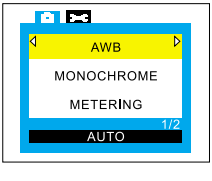
Press "Menu" button to enter the record menu and press the navigation button to change different setting functions in turns. The menu frame appears on the center of the LCD screen and the items are shown as follows:

3.4.5.1. Setting white balance (AWB)

Under different environments, you can adjust white balance mode to get the best color registration image effect. The DC 4500 provides 6 white balance modes to modify white balance under different situations.

To select a white balance mode to use:

1 Enter the white balance sub-menu.



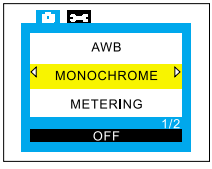
2 Select a white balance mode:
(Please refer to "3.1.5.3. Setting white balance (AWB)" on page 17)

3.4.5.2. Setting monochrome modes (MONOCHROME)

Monochrome mode supports prompt effect function. When you select one of these three modes, the LCD screen will show the effect instantly.

To set monochrome modes:

1 Enter the monochrome sub-menu.



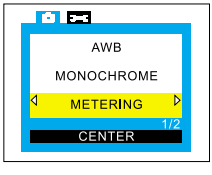
2 Select a monochrome mode and the result will appear on the LCD screen instantly: **(**Please refer to "3.1.5.5. Setting monochrome modes (MONOCHROME)" on page 19**)**

3.4.5.3. Setting metering modes (METERING)

This main item allows you to adjust metering modes. The metering system in digital camera is the system which measures the amount of light in the current frame and calculates the best-fit exposure. All you have to do is select the metering mode, point the camera and press the capture button.

To set metering modes:

1 Enter the metering sub-menu.

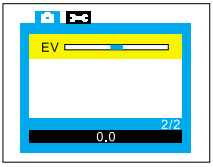


2 Select a metering mode:
(Please refer to "3.1.5.6. Setting metering modes (METERING)" on page 19)

3.4.5.4. Setting exposure compensation value (EV)
This main item allows you to adjust exposure value and it also supports promp effect function. Higher exposure value will make the captured image brighter, while lower exposure value makes it look darker. You can use the navigation button to set exposure value when the LCD screen is turned on. The exposure value is between -2.0 and 2.0.

To set exposure value:

1 Enter the EV sub-menu.



2 Press the left arrow ◀ on the navigation button to decrease exposure value, or the right arrow ▶ to increase exposure value. The result will appear on the LCD screen instantly.

3.4.6. The Setup Menu of Video Mode

There are also 9 different setting functions in the setup menu of the video mode:

1. Setting beep sound; 2. Setting date and time; 3. Selecting OSD language system;

4. Setting power save mode; 5. Setting LCD brightness; 6. Selecting TV format;

7. Formatting CF card; 8. Reloading the default setting value; 9. Software version.

Press "Menu" button and then press the right key of the navigation button to switch the menu frame from record menu to setup menu. After entering the setup menu, you can press the navigation button to change different setup functions in turns. The setup menu frame appears on the center of the LCD screen and the items are just the same as those items in still mode. (Please refer to section 3.1.4. The Setup Menu of Still Mode.)

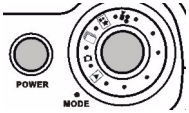
3.5. Playback Mode

3.5.1. Use Playback Mode to View Photos, Images and Videos on the LCD screen

The pictures you took and videos you shot are saved in the memory card. You can view these pictures and videos on the LCD screen and delete, protect one or all of them if necessary.

To view pictures in the memory card, turn the mode switch dial to ▶ position.

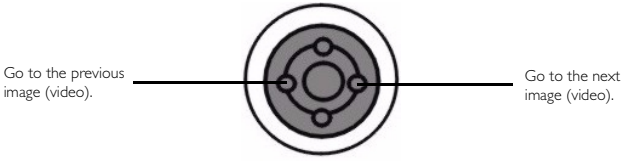
To activate the playback mode:



Turn the mode switch dial to ▶. The last picture taken in the memory card will appear on the LCD screen.

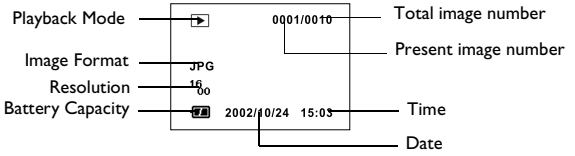
Basic Operation:

You can press the left key on the navigation button to go to the previous image (video), or the right key to go to the next image (video).



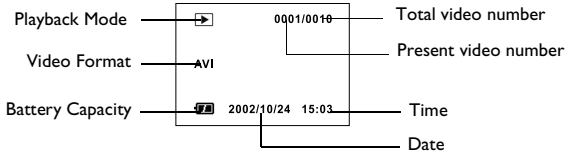
3.5.2. Viewing Photos or Images on the LCD screen

When you are viewing photos or images you took, the LCD screen will show icons as follow:

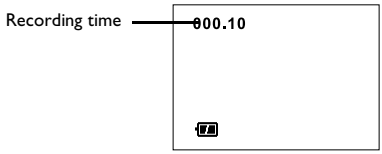


3.5.3. Viewing Videos on the LCD screen

When you are viewing videos you shot, the LCD screen will show icons as follow:



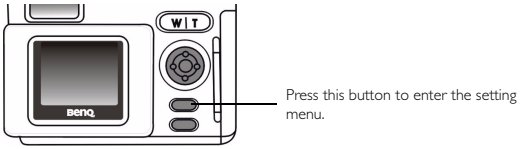
When the playback mode is activated, you can select the videos by pressing the right or left key of the navigation button on the rear panel, the last video taken in the memory card will first appear on the LCD screen. Select the video which you want to see, then press Disp/OK button to play it. While playing the video, the recording time will be displayed on the LCD screen. To stop playing your videos, press the Menu/Cancel button.



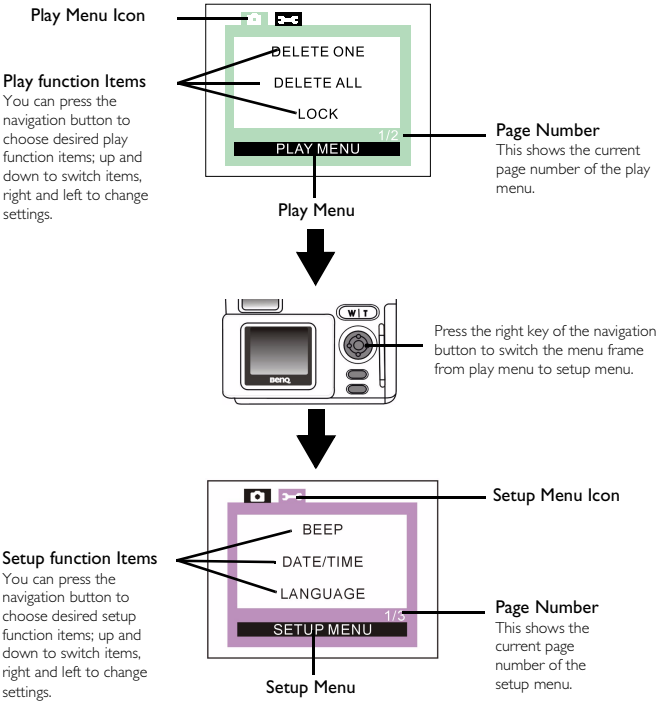
3.5.4. The Playback Mode Setting Menu on LCD screen

When in playback mode, the DC 4500 provides a setting menu that allows you to make adjustments on various image (video) viewing and saving settings. You can view these pictures and videos on the LCD screen and delete, protect one or all of them if necessary.This setting menu contains two main parts: Play Menu and Setup Menu.

To enter the setting menu, press the "Menu" button and you can switch the LCD screen frame from playback menu to the main setting menu of the playback mode.



The menu frame appears on the center of the LCD screen. You can switch the menu frame from Record menu to Setup menu by pressing the right key of the navigation button.


Play Menu Icon
DELETE ONE
DELETE ALL
LOCK
1/2
PLAY MENU
Play function Items
You can press the navigation button to choose desired play function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the play menu.
Play Menu
Press the right key of the navigation button to switch the menu frame from play menu to setup menu.
Setup Menu Icon
BEEP
DATE/TIME
LANGUAGE
1/3
SETUP MENU
Setup function Items
You can press the navigation button to choose desired setup function items; up and down to switch items, right and left to change settings.
Page Number
This shows the current page number of the setup menu.
Setup Menu

Menu operations

- Press the Right and Left key of the navigation button to switch the menu frame from Play menu to Setup menu.
- Press the Up and Down key of the navigation button to move among main items or highlight a main item on the menu frame.
- To go to the sub-menu of a main item, press the Right and Left key of the navigation button to select an item.

• To exit a submenu, press the "Menu" button. After your settings finished, press this button to return to the normal LCD preview screen.

3.5.5. The Play Menu of Playback Mode

There are 6 different setting functions in the play menu of the playback mode:

1. Deleting one image (video); 2. Deleting all images (videos);

3. Locking and unlocking images (videos); 4. Viewing images (videos) in thumbnail;

5. Viewing images (videos) in slide show; 6. Setting Digital Print Order Format (DPOF).

Press "Menu" button to enter the play menu and press the navigation button to change different setting functions in turns. The menu frame appears on the center of the LCD screen and the items are shown as follows:

3.5.5.1. Deleting one image or video (DELETE ONE)

This function allows you to delete image or video one at a time. After entering the "delete one" sub-menu, press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to delete the image or video. Choose "OK" and press "Disp/OK" button, then the image or video will be deleted. On the contrary, if you don't want to delete the image or video, choose "CANCEL" and press "Disp/OK" button, then the image or video will not be deleted.

To delete image or video one at a time:

1 Enter the "delete one" sub-menu.

2 Press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to delete the image or video. Choose "OK" and press "Disp/OK" button, then the image or video will be deleted. On the contrary, if you don't want to delete the image or video, choose "CANCEL" and press "Disp/OK" button, then the image or video will not be deleted.

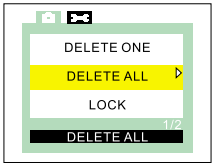
3.5.5.2. Deleting all images or videos (DELETE ALL)

This function allows you to delete all the images or videos in the memory card. After entering the "delete all" sub-menu, press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to delete all the images or videos. Choose "OK" and press "Disp/OK" button, then all the

images or videos in the memory card will be deleted. On the contrary, if you don't want to delete all the images or videos, choose "CANCEL" and press "Disp/OK" button, then all the images or videos in the memory card will not be deleted.

To delete all the images or videos in the memory card:

1 Enter the "delete all" sub-menu.



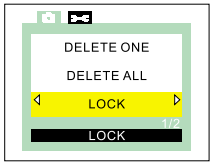
2 Press the right key of the navigation button and the LCD screen will prompt a message to ask if you are sure to delete all the images or videos. Choose "OK" and press "Disp/OK" button, then all the images or videos in the memory card will be deleted. On the contrary, if you don't want to delete all the images or videos, choose "CANCEL" and press "Disp/OK" button, then all the images or videos in the memory card will not be deleted.

3.5.5.3. Locking and unlocking images (videos)

You can lock images or videos to prevent being erased accidentally.

To set the lock mode to lock images (videos):

1 Enter the image lock sub-menu.



2 After entering the image lock submenu, press the right or left key of the navigation button to choose lock mode. The current image is locked and the lock icon will appear on the LCD screen.

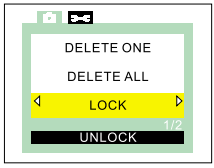
3 Repeat step 1 and 2 if you want to lock multiple images.

Note: If you erase the locked image, the lock icon will appear on the LCD screen and the image can not be erased unless you unlock the image.

The locked image will not be erased when you erase all images in the memory card.

To set the unlock mode to unlock images (videos):

1 Enter the image lock sub-menu.



2 After entering the image lock submenu, press the right or left key of the navigation button to choose unlock mode and then press Disp/OK button. The current image is unlocked and the lock icon will disappear from the LCD screen.

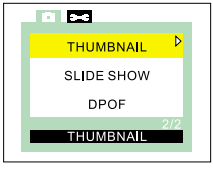
3 Repeat step 1 and 2 if you want to unlock multiple images.

3.5.5.4. Viewing images (videos) in thumbnail mode (THUMBNAIL)

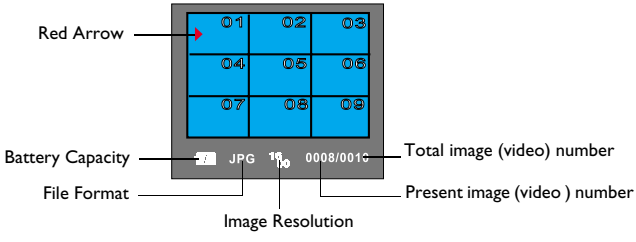
If the thumbnail mode is activated in playback mode, the camera will show nine minimized photos a time in thumbnails. You can review captured photos (videos) and set image (video) properties.

To view images and videos in thumbnails:

1 Enter the thumbnail sub-menu.



2 Press the right key of the navigation button and the LCD screen will show nine minimized photos (videos) a time in thumbnails as illustrated below.



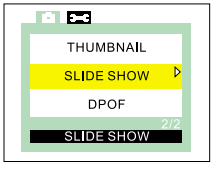
3 When the LCD screen shows nine minimized photos (videos) in thumbnails, you can press the navigation button to move the red arrow on the LCD screen to the photo (video) you want to see and press Disp/OK button to select it. After the photo (video) is selected, it will return to the normal size on the LCD screen. Then you can press the Disp/OK button again to view the photo or playback the video.

3.5.5.5. Viewing images (videos) in slide show mode (Slide Show)

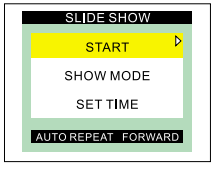
If the slide show mode is activated in playback mode, the camera will playback a slide show of the photos (videos) you captured. In this mode, you can review the photos (videos) and the slide showing speed depends on the file size of each photo (videos). Besides, you can also set the interval time between slide showing each photo (video) as you like.

I. To view images and videos in slide show:

1 Enter the slide show sub-menu.



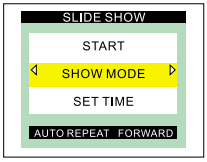
2 Press the right key of the navigation button and the LCD screen will show a slide show setting frame as illustrated below.



3 You can use the navigation button to highlight the "START" item and then press the right key of the navigation button to start to playback the photos (videos) in slide show mode.

II. To set the slide show mode:

1 Enter the slide show setting frame and highlight the "SHOW MODE" item.



2 Press the right or left key of the navigation button to select slide show mode.

AUTO REPEAT FORWARD:

The camera slide shows the photos (videos) forward and repeats automatically.

AUTO REPEAT BACKWARD:

The camera slide shows the photos (videos) backward and repeats automatically.

ONE TIME FORWARD:

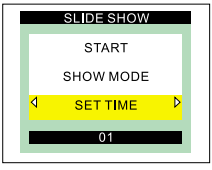
The camera slide shows the photos (videos) forward for one time.

ONE TIME BACKWARD:

The camera slide shows the photos (videos) backward for one time.

III. To set the interval time of slide show mode:

1 Enter the slide show setting frame and highlight the "SET TIME" item.



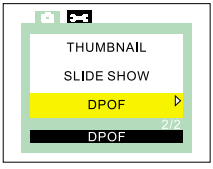
2 Press the right or left key of the navigation button to set the desired interval time of slide show mode. The interval time setting range is from 1 to 25 seconds.

3.5.5.6. Setting Digital Print Order Format (DPOF) for Print Out Setting (DPOF Protocol)

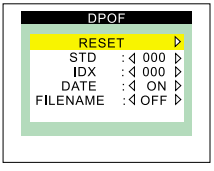
Digital Print Order Format (DPOF) Specification:

The DPOF specification defines a print order format similar to the capabilities currently available in traditional photofinishing. Users of digital cameras will be able to select the photos they want printed directly in the camera without using a computer. The DPOF file is written to the camera's removable media and is read and executed by printing services and applications.

1 First, you have to choose the image you want to print out and then press the Menu/C button to enter the print out setting (DPOF) menu. Press the navigation button up or down to highlight it.



2 Then press the right key of the navigation button to enter the print out (DPOF) sub-menu. The LCD monotor will prompt a function box for you to select the print out settings of the images. These choices of print out settings are illustrated as below:



RESET: Reset DPOF settings.

Choose RESET item and press DISP/OK button, then you can reset your DPOF setting.

STD: Standard Print Out Mode. **(This STD numbers represent the numbers of pages which will be printed.)**

This mode will print the images to fit the page size.

IDX: Index Print Out Mode. **(This IDX numbers represent the serial numbers of different images which will be printed on the same paper.)**

This mode will print different images which index value is not zero on the same paper.

DATE: Print Image with date.

When you set the date function on, the file function will be turn off.

FILENAME : Print image with file name.

When you set the file function on, the date function will be turn off.

3.5.6. The Setup Menu of Playback Mode

There are also 9 different setting functions in the setup menu of the playback mode:

1. Setting beep sound; 2. Setting date and time; 3. Selecting OSD language system;

4. Setting power save mode; 5. Setting LCD brightness; 6. Selecting TV format;

7. Formatting CF card; 8. Reloading the default setting value; 9. Software version.

Press "Menu" button and then press the right key of the navigation button to switch the menu frame from play menu to setup menu. After entering the setup menu, you can press the navigation button to change different setup functions in turns. The setup menu frame appears on the center of the LCD screen and the items are just the same as those items in still mode. (Please refer to section 3.1.4. The Setup Menu of Still Mode.)

4. PC DEPENDENT FEATURES

4.1. Preparations

To use the PC dependent functions, you need to install your digital camera software and connect the camera to your PC.

4.1.1. Installing digital camera software

- If your operation system is Windows 98, please setup the DC 4500 driver first, if the operation system is Windows ME/2000/XP, then it's not necessary for you to setup driver in advanced, please refer to the descriptions of Universal Plug and Play installation instruction below.
- It's recommended that you setup driver and software before connecting digital still camera to your PC for smooth installation. Normally, a software installation menu appears automatically after this installation CD is inserted into your CD-ROM drive.

- Click on each item to start installing the software program of your choice. You can choose "Typical Installation" for installing all the bundled software programs, or you can also choose "Custom Installation" for installing the software programs from the list as you like. If the menu did not appear, please browse the CD and find a program file named "autorun.exe" in the root directory and double-click on it. The menu will appear. If you want to know the content of this CD and install software manually, please refer to the descriptions of the CD content below.

4.1.2. The Software of this Installation CD

Software	Description
1. DC 4500 Driver	DC 4500 digital camera software driver and USB driver for Windows 98.
2. PhotoImpression	ArcSoft PhotoImpression 3.0, it is an easy-to-use photo editing and creative design program. You can edit and retouch your photos, then add special effects or place them in cards, calendars, frames and fantasy templates. PhotoImpression also includes a wide variety of printing options.
3. VideoImpression	Arcsoft Video Impression 1.6, for you to edit and combine the video files. New videos can be created by existing video, animation, and image files,quickly and easily create desktop video presentations for use at home, business or on the internet.
4. PhotoPrinter Pro.	Arcsoft Photo Printer 2000 Pro. this versatile printing utility lets you print out casually, it can be several different images on a single sheet of paper. It's as simple as opening your image, selecting from an assortment of templates and clicking Print.
5. Microsoft DirectX 8.1	Microsoft DirectX 8.1, an all-in-one and closs-platform media tool.
6. Acrobat reader	Adobe Acrobat Reader 4.0.5, it's a "must have" utility to read files in the popular cross-platform file format "PDF".

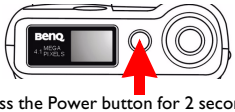
4.1.3. DC 4500 Driver installation instruction

We suggest users sincerely that setup DC 4500 driver first under Windows 98 operation system, then connect your digital still camara to PC. If your operation system is Windows ME/2000/XP, just connect your DC 4500 to PC directly, then DC 4500 will perform as a USB mass-storage device under your operating system which means that your operating sysytem will come out a new drive.

4.2. Connecting the DC 4500 to your PC

- Use the USB cable included in the package to connect the DC 4500 to the USB port of your PC.
- A new USB mass-storage device found and then DC 4500 will be used as a new drive under operating system.

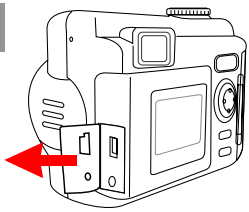
1



Press the Power button for 2 seconds.

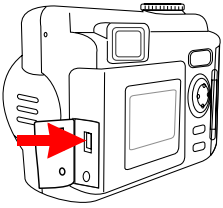
Press the "Power" button for 2 seconds to turn on the power of the camera.

2



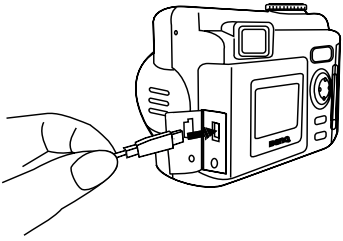
Open the USB cover in the direction shown.

3



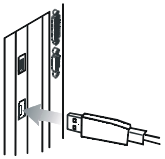
After opening the USB cover, you will see the USB port as the arrow shows.

4



Then connect one end of the USB cable to the USB port on your DC 4500.

5



Connect the other end of the USB cable to the USB port on the back panel of your computer and your computer will install DC 4500 to your system as a new drive automatically.
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6

Double click the newly installed DC 4500 drive and you will see all the photos you captured which are stored in the memory card. Then you can use the software which installed by the installation CD to edit or modify your photos.

5. TV DEPENDENT FEATURES

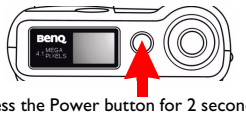
Preparations

To use the TV dependent functions, you need to connect the camera DC 4500 to your TV.

Connecting the DC 4500 to TV

- Use the TV cable included in the package to connect the DC 4500 to the A/V port of your TV.
- After connecting to TV, all the frames and message appear on LCD screen will be displayed on your TV screen.

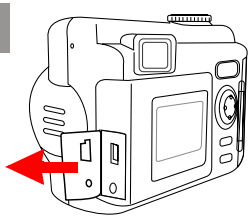
1



Press the Power button for 2 seconds.

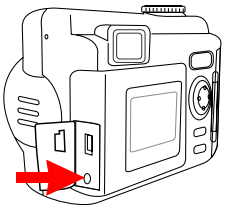
Press the "Power" button for 2 seconds to turn on the power of the camera.

2



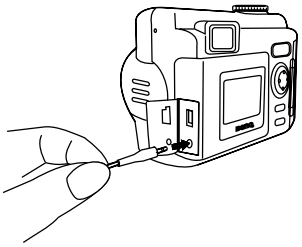
Open the Video-out cover in the direction shown.

3



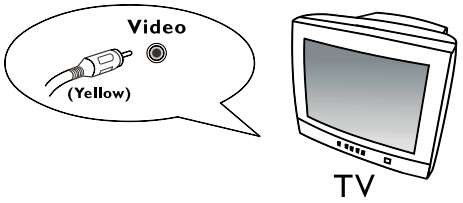
After opening the Video-out cover, you will see the video-output port as the arrow shows.

4



Connect one end of the TV cable to your DC 4500 as illustrated.

5

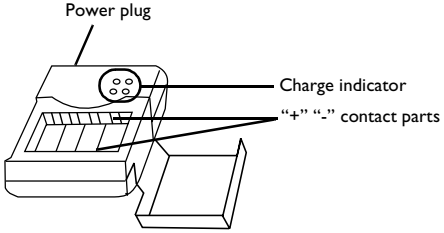


Then connect the other two ends of the TV cable to the Audio input port and Video input port of your TV. Please note that the yellow header is for Video port and the white header is for Audio port. After the connection to your TV, you will see the LCD monitor function on your TV screen.

6. NiMH BATTERY CHARGER USAGE

Preparations

The DC 4500 package provides a NiMH battery charger for charging your DC 4500 NiMH batteries.



Note: Please note that the power plug is on the rear side of the NiMH battery chager.

Use Charger To Charge NiMH Battery

- Put the NiMH battery in the battery socket on the charger. Please note the polarity of the batteries when you install.
- Make sure the NiMH battery is fixed on the socket, then plug the power plug into the power outlet and you will see the "Charge" indicator on the charger turn from green to red. When the "Charge" indicator turns to red, it means the charger is charging the NiMH battery.

Note: You can also use an AC power adapter to supply electric power to your DC 4500. Please contact your local dealer to buy an AC power adapter for your DC 4500. The specification of the suitable power adapter is 3.3V/2.5A, other power adapter beyond this specification may cause damage to your camera.

7. TROUBLESHOOTING

1. The LCD screen panel remains blank after I switch the lens cover and can't take pictures.

Check that the battery is correctly inserted or plug the DC adapter power to try again.

2. The camera can not take a picture after the capture button is pressed.

Please check whether the strobe charging LED is blinking. If it's blinking, it means that the flash is still under charging. During this time the camera is busy and cannot take pictures. Wait until the indicator becomes OFF.

3. I have connected the camera to the computer, but the DC 4500 does not appear as a new drive under my operating system.

Make sure that the battery is installed correctly and there is enough power in them. Check if the camera power is turned on. If not, turn it on and then connect the camera to the computer again. Please make sure that the driver has been installed if your operating system is Win 98.

4. In Windows 2000, when I unplug the DC 4500 from my computer while the USB mass-storage is active, the computer freezes.

You should double click the USB mass storage icon on Windows 2000 system tray to move DC 4500 from the computer OS first, then unplug the DC 4500.

5. The photos I captured have strange flare on them.

Usually this is caused by the dirty of the lens or maybe there are finger prints on the lens glass of the Digital Camera 4500. Check the lens glass or the lens of the Digital Camera 4500. If it is not clean or there are some finger prints on it, please clean the lens cover glass and try not to leave finger prints on it. Leaving finger prints on the lens cover glass may cause the abnormality of your photos.

6. Error Message Table:

Message	Cause
ERR001~ERR003	Unknown File (It means that this file can not be decoded by the camera.)
ERR004~ERR005, ERR200	System Error (HW component error)
ERR100~ERR138	Card Error (Memory card or file system can not be operated normally in the camera.)

8. SERVICE INFORMATION

Technical support

If you encountered problems using Digital Camera 4500 and the camera driver program, please send an E-mail (containing detailed descriptions of the problem you came upon, the hardware and software environment of your system) to the following addresses:

USA: support-sc@BenQ.com

Europe: service@BenQ-eu.com

Taiwan: service-tw@BenQ.com

China: service_china@BenQ.com

Asia and other countries: support@BenQ.com

For free driver program updates, product information and news release, please visit the following web address:

http://www.BenQ.com.tw/global/

For questions about the bundled application, please consult the following web addresses:

http://www.adobe.com (Adobe Active Share)